

Документ подписан простой электронной подписью

Информация о владельце:

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Abstract to the work program of the discipline

Name of the discipline (module)	Quality management of biotechnological products
Summary	The basic concepts, definitions, goals and objects of the quality and safety management system of biotechnological products in accordance with the requirements of international standards. Quality and safety management systems for biotechnological products. Requirements for organizations involved in the chain of creation of biotechnological products. Identification and analysis of hazards, assessment and management of the probability of their occurrence, setting up an organizational structure and administrative management system, ensuring the stability of the safety of biotechnological products and food raw materials, the use of rational process control schemes to ensure product safety and quality, an effective personnel, document and data management system. International experience in the implementation and certification of a safety management system for biotechnological products.
The results of mastering the discipline (module)	Applies methods of technochemical and laboratory quality control of raw materials, semi-finished products and biotechnological products for the food industry
Labor intensity, ie.	3 з.е.
Reporting form	Credit with an assessment
The list of basic and additional literature necessary for the development of the discipline	
Basic literature	1. Quality management at enterprises of the food and processing industry [Electronic resource] : textbook / A.N. Austrievskikh [et al.]. — Electron.text data. — Novosibirsk: Siberian University Publishing House, 2017. — 268 p. — 978-5-379-02011-8. — Access mode: http://www.iprbookshop.ru/65292.html 2. Magomedov, Sh.Sh. Product quality management : textbook / Sh.Sh. Magomedov, G.E. Bepalova. - Moscow : Publishing and Trading Corporation "Dashkov and Co.", 2018. - 335 p. : ill. - Bibliogr. in the book. - ISBN 978-5- 394-01715-5 ; The same [Electronic resource]. — URL: http://biblioclub.ru/index.php?page=book&id=495785-5-394-01921-0 . —
Additional literature	1. 1. E. Melnikova.I. Modern methods of studying the properties of raw materials and products of live production Laboratory workshop [Electronic resource] : textbook / E.I. Melnikova, E.S. Rudnichenko, E.V. Bogdanova. - The electron. text data. - Voronezh: Voronezh State University of Engineering Technologies, 2014. — 95 p. — 978- 5-00032-040-2. - Achievement mode: http://www.iprbookshop.ru/47454.htm No, it's not. 2. Quality management of processes and products. Book 3. Special issues of quality management of processes in industrial, commercial and educational spheres [Electronic resource] : a textbook for students of higher educational institutions studying in the direction 221400 - Quality management / S. V. Ponomarev, S. V. Mishchenko, E. S. Mishchenko [et al.]; edited by S. V. Ponomarev. - The electron. text data. — Tambov : Tambov State Technical University, EBS DIA, 2012. — 221 p. — 978-5-8265-1219-7. - Achievement mode: http://www.iprbookshop.ru/64605.html